

1640, 2040 and 2040 S Tractors (From Serial No. 450,000 L)



JOHN DEERE

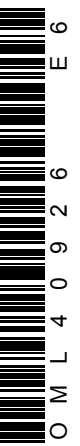
OPERATORS MANUAL

1640, 2040 and 2040 S Tractors (From
Serial No. 450,000 L)

OML40926 E6 English

John Deere Werke Mannheim
OML40926 E6

LITHO IN U.S.A.
ENGLISH





INSPECTIONS

We appreciate the confidence you have shown in John Deere and your John Deere dealer for the purchase of this equipment.

We want you to have the best performance from your new machine. To accomplish this, your dealer will perform a Predelivery Inspection and will familiarize you with the proper and safe operation of this machine.

After the machine has operated the first 100 hours, you should contact your dealer and arrange an appropriate date at which the After-Sale Inspection will be performed. It will be performed most effectively in the workshop of your dealer.

Your dealer completed the predelivery inspection according to the check list, while at the end of this manual you will find the After-Sale Inspection check list.

These check lists will be completed by your dealer while the inspections are being performed. He will then forward the original and one copy of each inspection list to the John Deere Sales Branch Service Department, retaining the second copy for his files. The dealer will confirm completion of these inspections on that portion of the check list which remains in this manual.

The After-Sale Inspection is an important prerequisite to assure best performance of your new machine. For this reason you should not miss THE OPPORTUNITY to make proper arrangements with your dealer to get this service done at the proper time.

© Deere & Co., European Office,
D-6800 Mannheim

SAFETY



CAUTION: This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

IMPORTANT: This machine is designed and manufactured according to JOHN DEERE specifications. To avoid accidents and to assure optimum performance the machine must not be modified or altered in ways not approved by JOHN DEERE, nor must it be used in conditions or for purposes it is not designed for.

To assure safe operation of this machine, read and observe the Safety Rules on the first pages of this manual.

MEASUREMENTS

Your operator's manual contains the international standardized SI metric measurement system.

DIRECTION

Right-hand and left-hand sides of this machine are determined by facing in the direction of forward travel.

SERIAL NUMBERS

Record the serial numbers of your machine in the spaces provided at the end of this manual and provide this information to your dealer when ordering spare parts.

All information, illustrations and specifications contained in this operators manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

Identification Views



L102773

L102773-1640ALE-010386



L32 209A

L32209A-1640ALE-010386

Contents

Safety	05-	Operators Platform and Cab	30-
– General	05-1	– “Bilux” lighting	30-1
– Operation	05-4	– “Sealed-Beam” lighting	30-5
– Service	05-6	– Operator’s seat	30-6
 		– Roll guard	30-7
Controls and Instruments	10-	– Seat belt	30-7
– Controls	10-1	– Opening windows	30-7
– Instruments	10-2	– Torques for hardware	30-8
– Control lights	10-3	– SG2 cab	30-8
 		– MC1 cab	30-12
Break-In Period	15-	 	
– After first 4 and 8 hours	15-1	Wheel Treads, Tires and Ballast	35-
– After first 50 hours	15-1	Wheel treads	35-1
– Within first 100 hours	15-2	– Adjusting front wheel tread	35-1
– After first 100 hours	15-2	– Checking front wheel toe-in	35-4
 		– Adjusting front wheel toe-in	35-4
Operating the Engine	20-	– Rear wheel tread adjustment	35-6
– Prestarting check	20-1	Tires	35-10
– Starting the engine	20-2	– Tire pressures	35-10
– Cold weather starting aids	20-2	– Service tires safely	35-10
– Thermostart aid	20-3	– Tire combinations	35-11
– Ether starting aid	20-3	Ballast	35-12
– Starting with a booster battery	20-5	– Measuring rear wheel slip	35-13
– Towing the tractor to start	20-6	– Installing rear wheel weights	35-13
– Towing the tractor	20-6	– Filling tires with liquid ballast	35-15
– Parking the tractor	20-7	– Installing front weights	35-17
– Stopping the engine	20-7	 	
 		Rockshaft and Three-Point Hitch	40-
Operating the Tractor	25-	Rockshaft	40-1
– Reduce fuel consumption	25-1	– Control lever	40-1
– Ground travel speeds	25-3	– Selector lever	40-3
– At desired engine speed	25-3	– Adjusting rate-of-implement drop	40-5
– At rated engine speed	25-4	Three-point hitch	40-5
– Shifting transmission gears	25-11	– Draft links	40-6
– Hi-Lo shift unit	25-12	– Center link	40-8
– Creeper transmission	25-12	– Lift links	40-9
– Front wheel drive	25-13	– Attaching implements	40-11
– Differential lock	25-13	– Positioning sway blocks	40-12
– Foot brakes	25-14		
– Trailer brakes	25-14		

Contents

Additional Equipment	45-	Service – Engine	75-
Front hitch	45-1	– Engine oil	75-1
Selective control valves	45-1	– Engine crankcase filter element	75-2
– Hydraulic hose couplers	45-3	– Alternator V-belt tension	75-2
– Maximum permissible oil withdrawal	45-6	– Checking engine speeds	75-3
Remote hydraulic cylinder	45-7		
Swinging drawbar	45-8	Service – Cooling System	80-
Trailer hitch	45-9	– Checking coolant level	80-1
Hydraulic trailer hitch	45-11	– Replacing coolant	80-2
Power Take-Off	50-	Service – Axles and Wheels	85-
– PTO guard	50-1	– Lubricating front axle	85-1
– Operating PTO	50-2	– Checking front axle oil levels	85-2
– Changing PTO shaft	50-3	– Lubricating rear axle bearings	85-2
– Hand shift PTO	50-4	– Changing front axle oil	85-3
– Operating front PTO	50-4		
– Attaching PTO driven equipment	50-5	Service – Fuel System	90-
		– Checking fuel filter element	90-1
		– Replacing fuel filter element	90-1
		– Bleeding the fuel system	90-2
		– Draining water trap	90-2
Fuel, Lubricants, Hydraulic Oil and Coolant	55-	Service – Transmission/Hydraulic System	95-
Fuel	55-1	– Checking oil level	95-1
– Fuel storage	55-1	– Replacing filter element	95-1
Fluid for hydraulically operated clutch	55-1	– Changing transmission/hydraulic oil	95-2
Lubricants	55-2		
– Engine oil	55-2	Service – Miscellaneous	100-
– Transmission/hydraulic oil	55-2	– Checking clutch pedal free travel (mechanically operated clutch)	100-1
– Front axle oil	55-3	– Checking clutch reservoir fluid level (hydraulically operated clutch)	100-1
– EP multipurpose grease	55-3	– Operator’s seat	100-1
– Engine coolant	55-4	Cab air filters	
		– SG2 cab	100-2
		– MC1 cab	100-3
		– Clutch throw-out bearing	100-3
		– Hydraulic trailer hitch	100-4
		– 3-point hitch	100-4
		– Compressor V-belt	100-5
		– Front hitch	100-5
		– Front PTO	100-5
		– Replacing hydrostatic steering filter	100-5
Lubrication and Periodic Service	60-		
– Service intervals	60-1		
– Removing radiator grille screens	60-1		
– Removing hood	60-1		
– Service timetable	60-2		
Service – Air Intake System	65-		
– Air cleaner	65-1		
– Cleaning primary air filter element	65-1		
– Secondary (safety) element	65-2		
– Air pre-cleaner	65-3		
– Dust unloading valve	65-3		
– Air intake hoses	65-3		
Service – Brakes	70-		
– Bleeding brakes	70-1		
– Adjusting handbrake	70-2		

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com